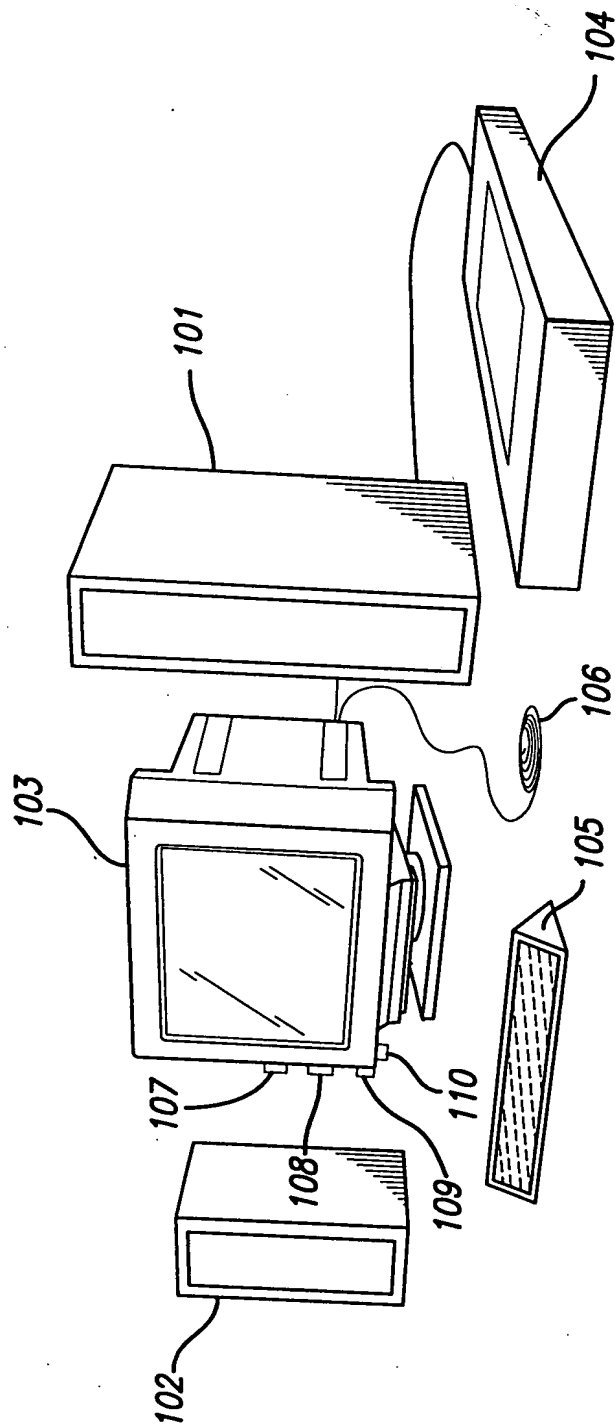


FIG. 1



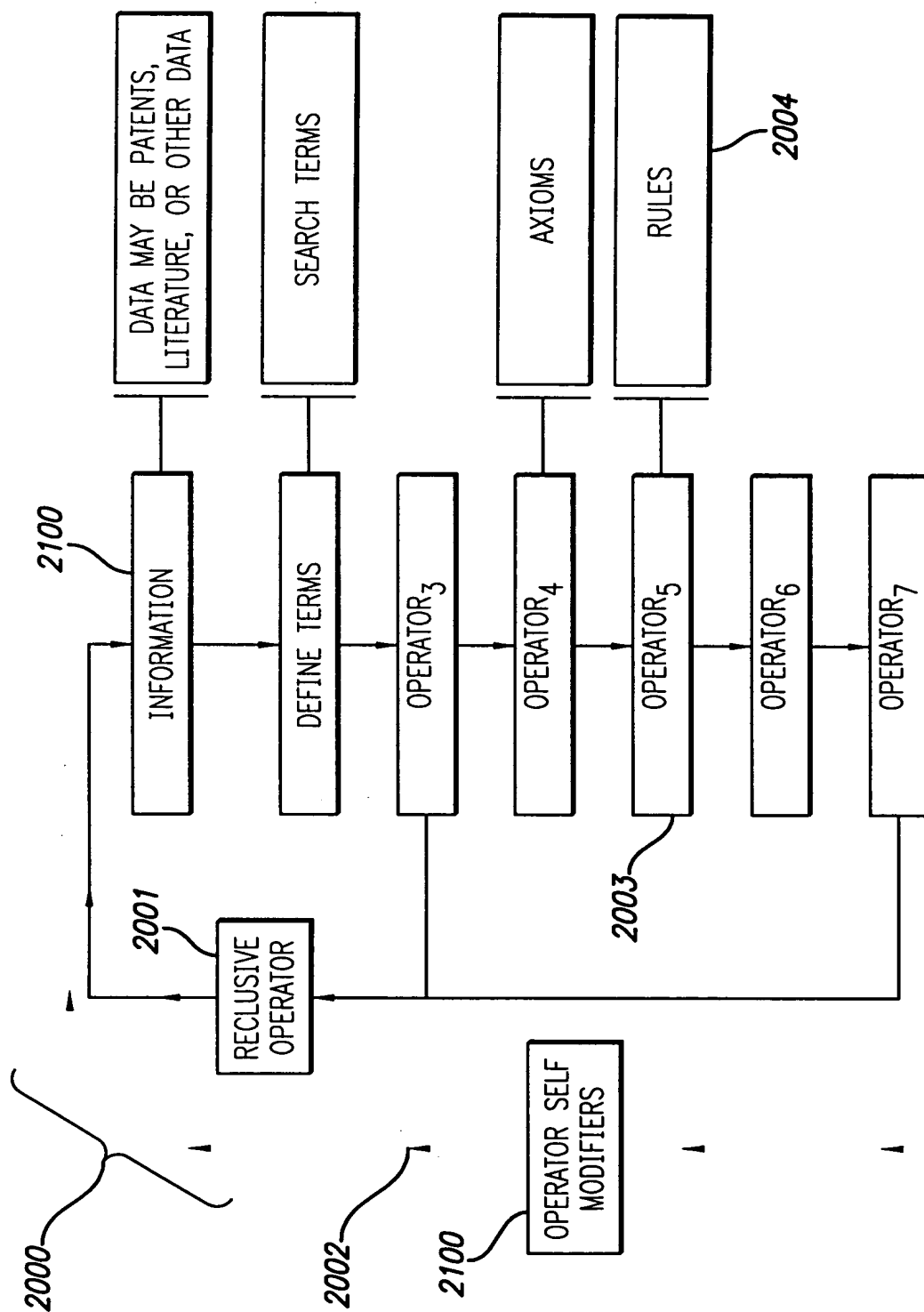
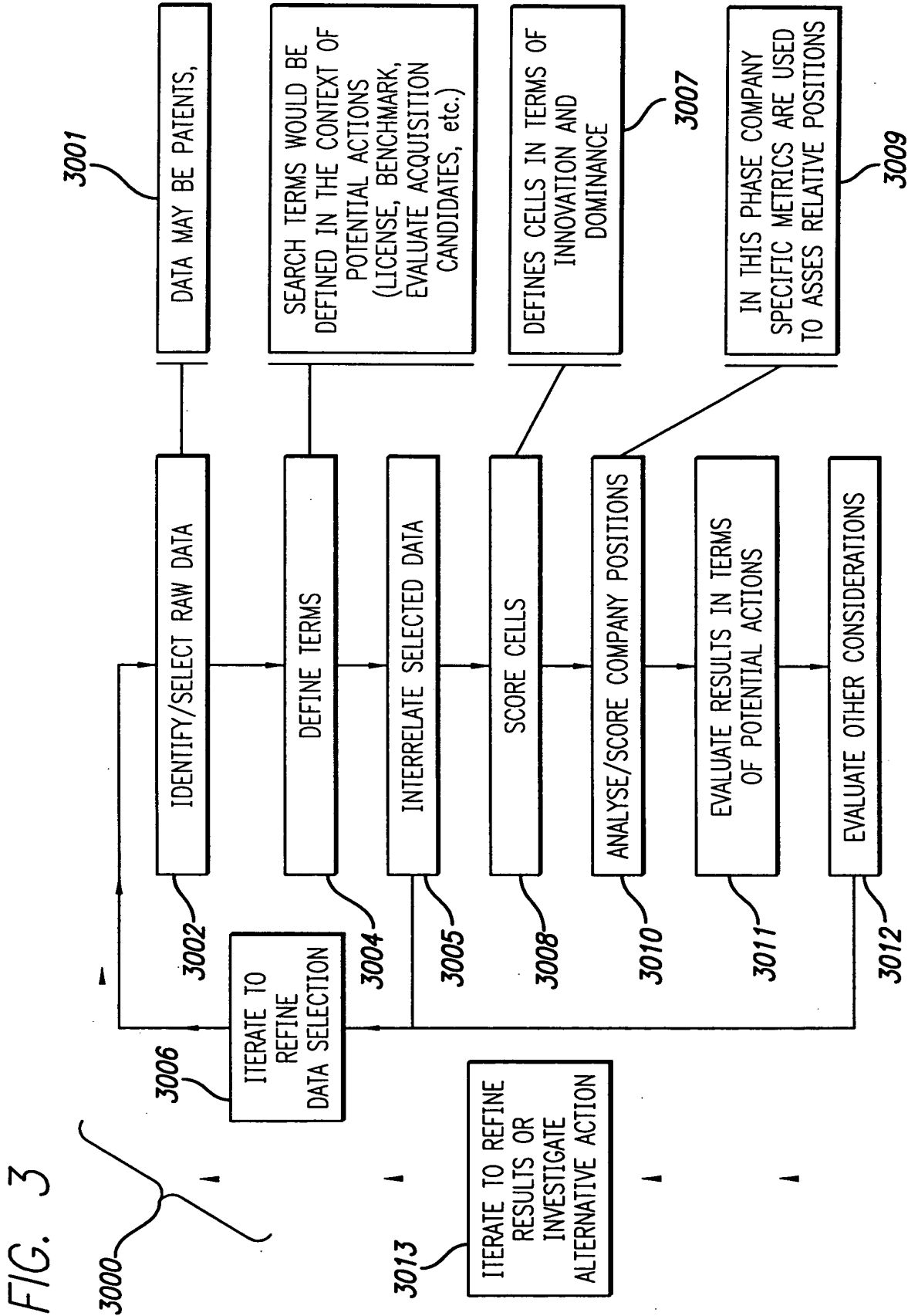


FIG. 2



AN EXAMPLE OF SOURCE DATA
INFRARED TECHNOLOGY

FIG. 4

OBJECTS 4001

ACTIONS 4002 4015 4014	OBJECTS 4001					
	01	02	03	04	05	06
	PHOTO-RECEPTOR OR 4005	DIGITAL IMAGE 4009	DIGITAL SCAN 4010	REMOTE NETWORK OR 4011	THERMAL IMAGE 4012	OPTIC ALIGN 4013
	2969	5004	775	1224	1672	5278
A NEAR INFRARED 4007	12	9	1	1	18	22
B FAR INFRARED 4064	0	0	0	0	3	12
C INFRARED 4065	62	87	20	34	263	249

4082

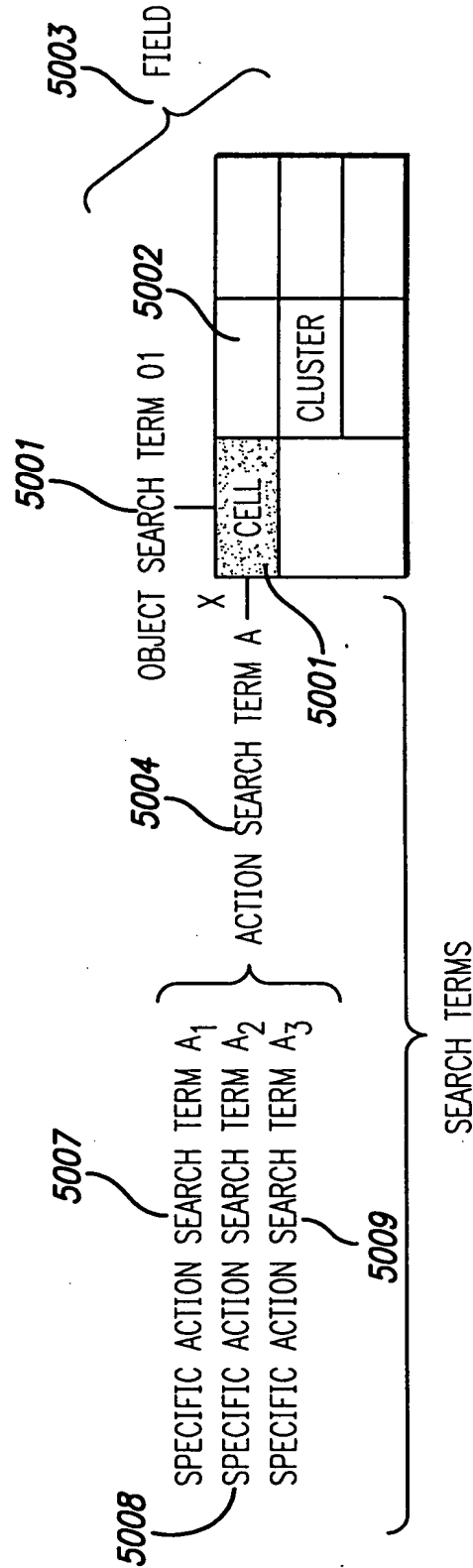
21604

4071

FIG. 5

INITIAL DEFINITIONS

SEARCH TERM—A STRING OF TEXT TO BE FOUND WITHIN THE TEXT OR CLAIMS OF DESIRED PATENTS.
 SEARCH TERMS CAN BE CLASSIFIED AS EITHER "ACTION" OR "OBJECT."
 SEVERAL RELATED ACTION SEARCH TERMS MAY BE COMBINED TO REFLECT A SINGLE ACTION.
 CELL—A CROSS SECTION OF SEARCH TERMS (ACTION X OBJECT).
 CELLS ARE GIVEN A REFERENCE CODE (e.g. A01) TO DEPICT THE COMBINATION OF SOURCE SEARCH TERMS.
 THE REFERENCE CODE MAY BE FOLLOWED BY A C OR T TO NOTE THAT THE SEARCH TERMS WERE FOUND WITHIN THE TEXT OR CLAIMS OF THE INCLUDED PATENTS.
 CLUSTER—A GROUP OF NATURALLY RELATED CELLS.
 FIELD—A PATENT LANDSCAPE DEFINED BY THE COMPOSITE OF ALL CELLS.



THE POWER TO BE BOTH FOCUSED AND INCLUSIVE

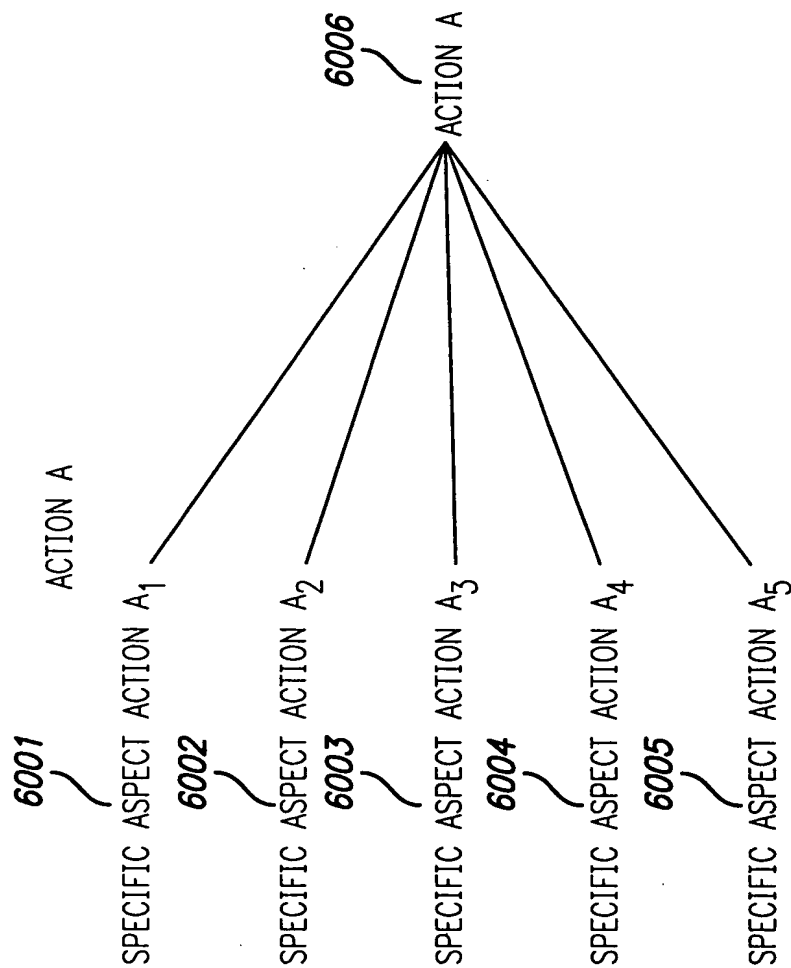


FIG. 6

*PATENTS IDENTIFIED IN ANY OF THESE SPECIFIC TERMS ARE ROLLED INTO ONE ACTION DATA SET.

FIG. 7-1

PATENT CROSS TAB REPORT

7001 7002 7003 7004 7005 7006 7007 7008 7009 7010

ASSIGNEE	DOCUMENT D	TITLE	ISSUED	DOCUMENT TYPE	HITS	WEIGHTED HITS	WEIGHTED ACTION	C01	C02	C03	C04	C05	C06
OBJECT WEIGHTS								1	1	2	1	1	3
	7011												
HE HOLDINGS	6025595	SPRITE THERMAL IMAGING SYSTEM WITH ELECTRONIC ZOOM	2/15/00	US	3	4	2		1	1		1	
RAYTHEON	WO 98/35496	SPRITE THERMAL IMAGING SYSTEM WITH ELECTRONIC ZOOM	8/13/98	PCT	3	4	3		1	1		1	
RAYTHEON	WO 98/35497	SPRITE THERMAL IMAGING SYSTEM	8/13/98	PCT	3	4	4		1	1		1	
HE HOLDINGS	5739531	SPRITE THERMAL IMAGING SYSTEM	4/14/98	US	3	4	3		1	1		1	
UNITED STATES OF AMERICA	4470816	THERMAL SIGHT TRAINER	9/11/84	US	3	5	3		1			1	1
LIU, ZHONG QI	6023637	METHOD AND APPARATUS FOR THERMAL RADIATION IMAGING	2/8/00	US	2	4	3		1	1			

FIG. 7-2

[illegible]

FIG. 8A-1

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8001
8021 8022 8023 8024 8025 8026
ASSIGNEE ROLLUP

RANK	ASSIGNEE	HITS	PATENTS	RECENT HITS	RECENT PATENTS	WEIGHTED HITS	WEIGHTED ACTION	RC C01	RC C02	RC C03	RC C04	RC C05	RC C06	RC C06
	8002 PATENTS							62	87	20	34	263	249	
	8003 ISSUED PATENTS							49	65	17	23	206	222	
	8004 APPLIED PATENTS							13	22	3	11	57	27	
	8005 RECENT PATENTS							16	33	10	11	55	40	
	8006 ISSUED RECENT PATENTS							14	22	7	7	44	34	
	8007 APPLIED RECENT PATENTS							2	11	3	4	11	6	
	8008 DOMINANCE							0.48	0.26	0.20	0.44	0.48	0.40	
	8009 RECENT DOMINANCE							0.44	0.18	0.20	0.18	0.27	0.28	
	8010 ISSUED INNOVATION FACTOR 4							0.33	0.62	0.69	1.29	0.10	0.17	
	8011 APPLIED INNOVATION FACTOR 4							0.64	0.87	0.33	0.50	-0.02	0.19	

8020

FIG. 8A-2

12/37

8022

-8023

-8024

-8025

-8026

HITS	PATENTS	RECENT HITS	RECENT PATENTS	WEIGHTED HITS	WEIGHTED ACTIONS
43	42	4	4	48	5
34	31	3	2	39	7
20	20	3	3	26	4
18	18	4	4	22	9
17	17	2	2	21	11
16	16	2	2	22	4
16	13	3	2	14	12
15	11	12	8	18	5
14	13	1	1	16	9
12	12			14	15
12	12	5	5	15	2
12	12	5	5	12	8
12	12	1	1	15	1
10	10			11	3
10	10	3	1	14	5

[illegible]

CELL INDICES - DEFINITIONS
INNOVATION FACTOR 1 (APPLIED OR ISSUED)

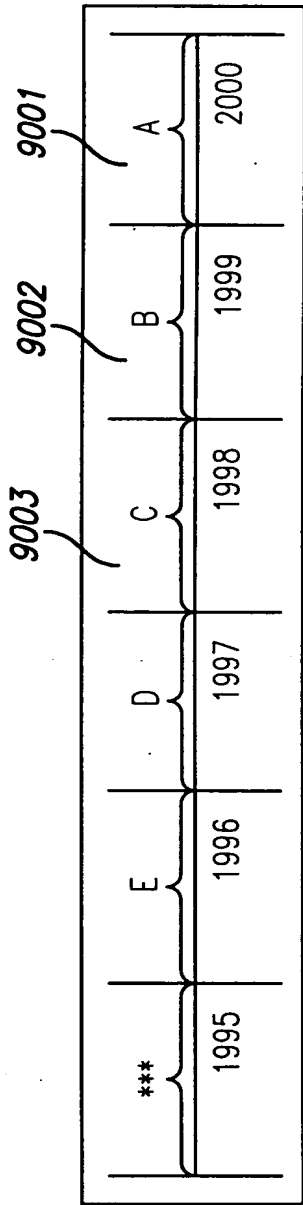


FIG. 9

$$9000 \text{ --- INNOVATION FACTOR } 9002 = \frac{A}{(B+C)/2} \text{ --- } 9001 \text{ --- } 9003$$

CELL INDICES - DEFINITIONS
INNOVATION FACTOR 4 (APPLIED OR ISSUED)

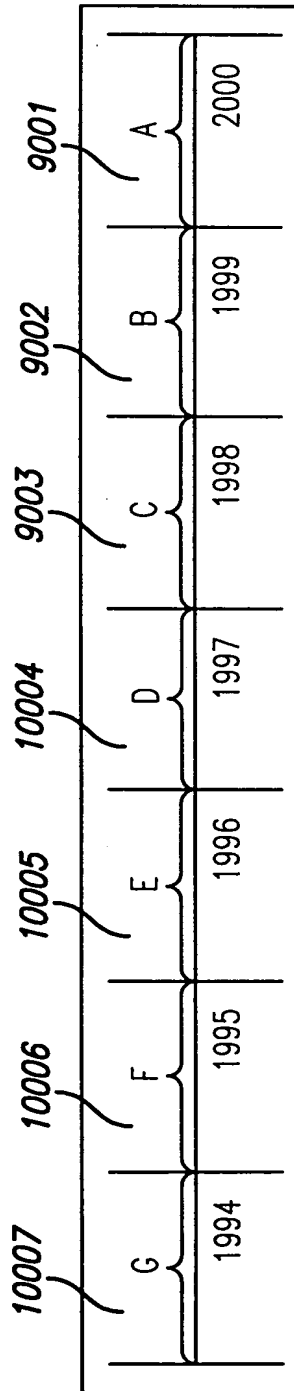


FIG. 10

INNOVATION FACTOR 4 =

$$10012 \text{ --- } \left[\frac{(A-B)}{B} \times 6 \right] + \left[\frac{(B-C)}{C} \times 5 \right] + \left[\frac{(C-D)}{D} \times 4 \right] + \left[\frac{(D-E)}{E} \times 3 \right] + \left[\frac{(E-F)}{F} \times 2 \right] + \left[\frac{(F-G)}{G} \times 1 \right]$$

10011 10013 10014 10015 10016 10017

CELL SELECTION MATRIX

CELL SELECTION INDEX IS CALCULATED FOR EACH CELL BASED ON THE IMPLIED SUITABILITY FOR JOINT VENTURES OR INTERNAL DEVELOPMENT:

FIG. 11

11001	A	LICENSE	4	4	DIGITAL IMAGE	02	03	04	05	06
	B	LICENSE								
	C	LICENSE	20	15						
11002	A	DEVELOP	16	6						
	B	DEVELOP								
	C	DEVELOP	5	15						

FIG. 12

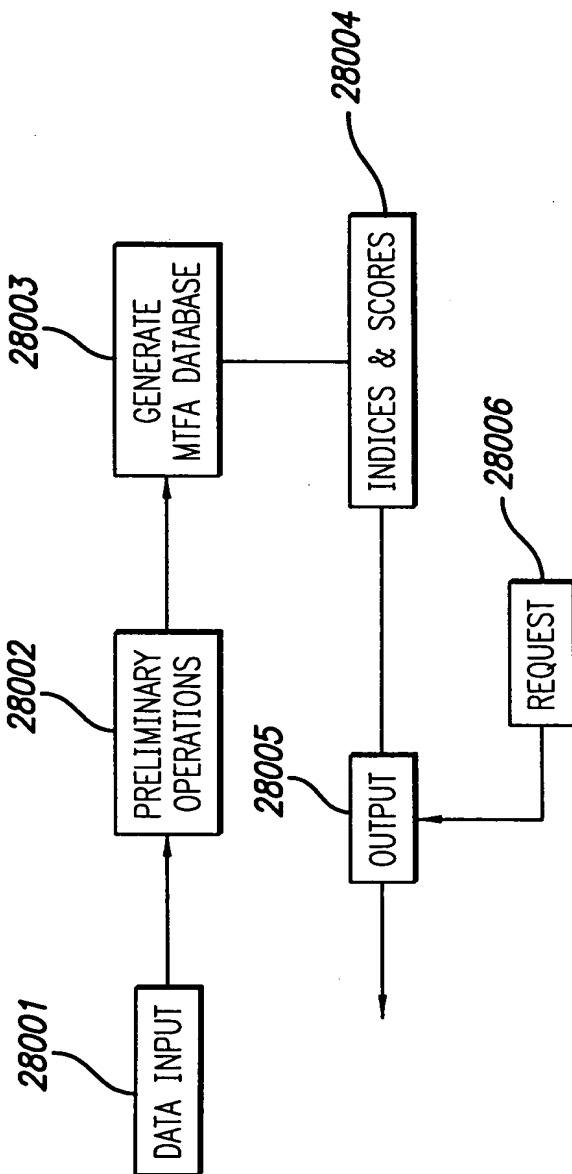
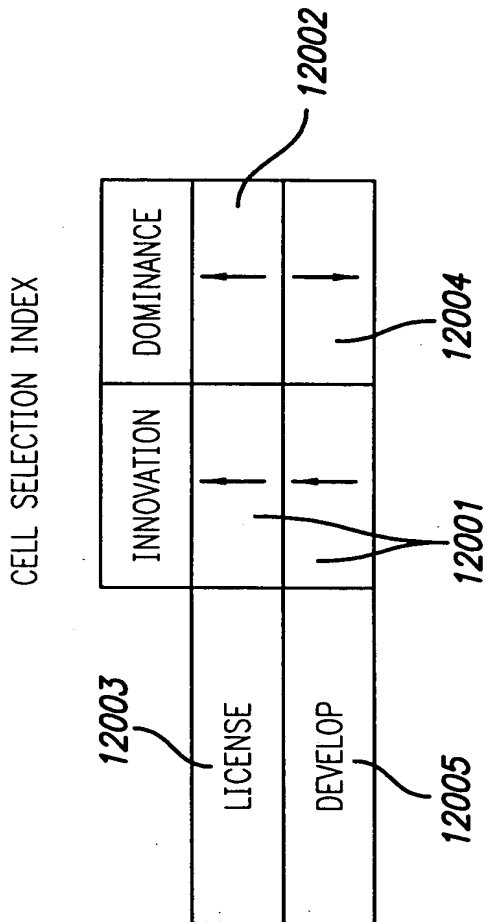
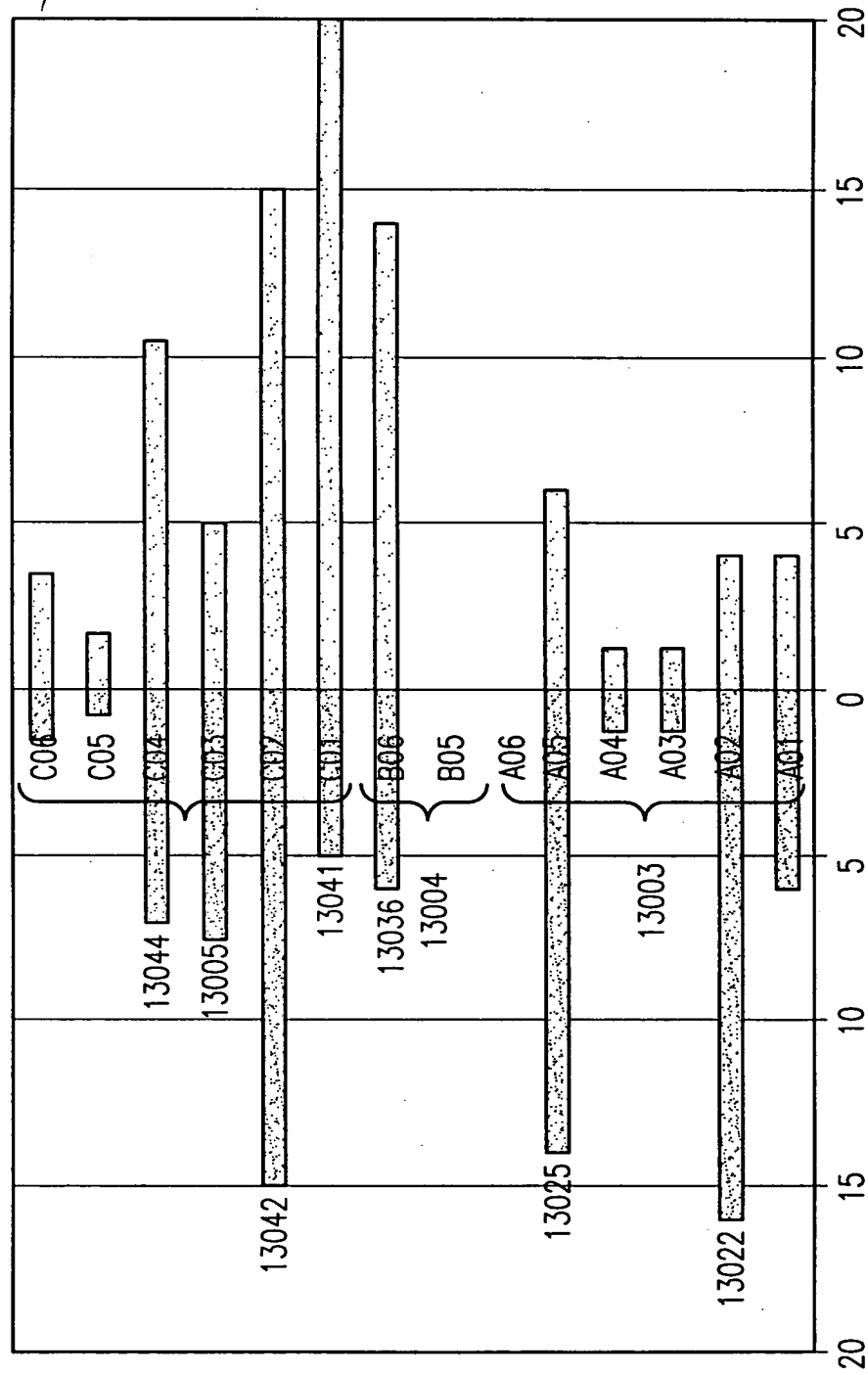


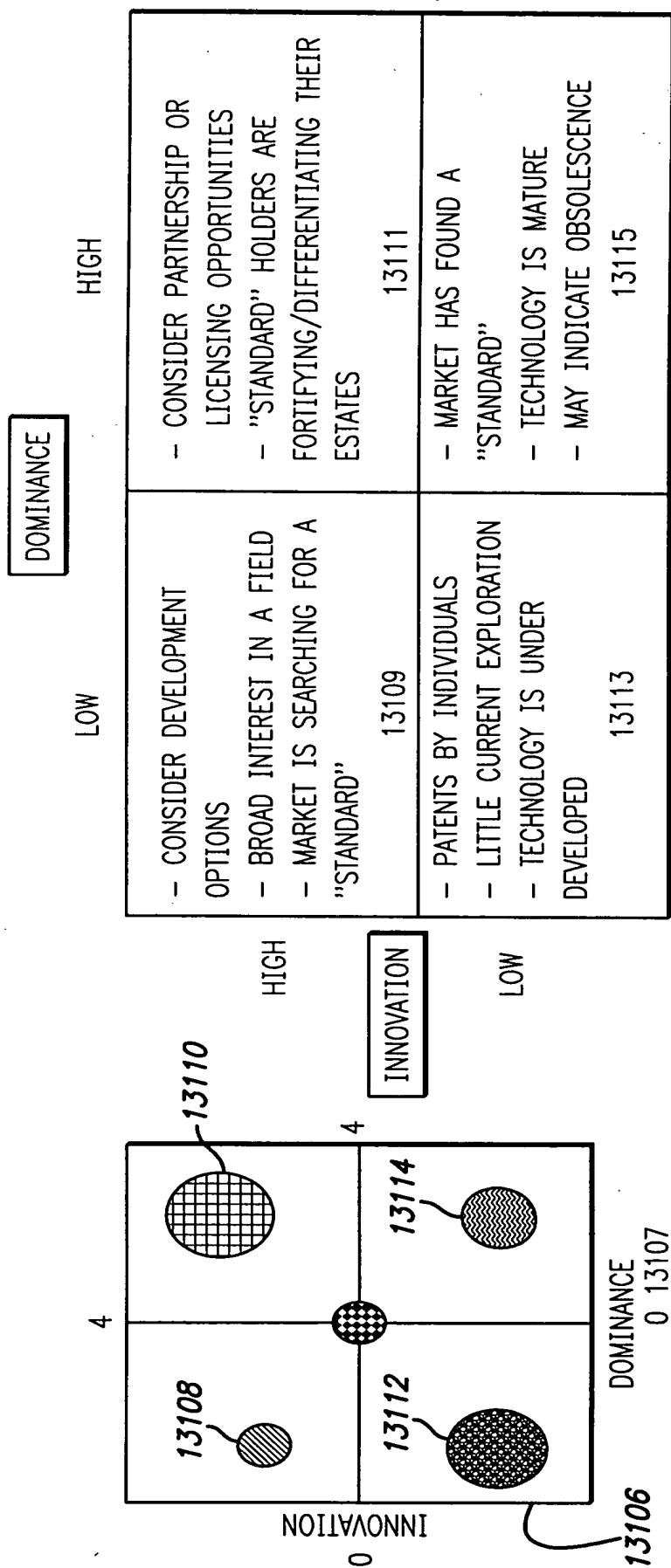
FIG. 28

FIG. 13A

CELL SELECTION MATRIX



CELL SELECTION SCORE - BUBBLE CHART



ASSIGNEE COMPOSITE SCORE

FIG. 14

RANK	ASSIGNEE	14003 14004 14005 14006 14007 14008				
		PHOTO-RECEPTOR OR	DIGITAL IMAGE	DIGITAL SCAN	REMOTE NETWORK OR	THERMAL IMAGE
1	A	61.4	46.1	5.1	0.0	59.0
2	B	0.0	55.4	0.0	0.0	26.4
3	C	0.0	30.0	0.0	31.5	28.0
4	D	400.0	0.0	10.0	0.0	0.0
5	E	40.0	30.0	0.0	0.0	26.3
6	F	0.0	15.0	0.0	147.0	0.0
7	G	0.0	18.5	0.0	0.0	26.8
8	H	0.0	147.3	28.6	0.0	30.1
9	I	0.0	0.0	0.0	0.0	5.7
10	J	0.0	0.0	0.0	0.0	3.5
11	K	0.0	0.0	0.0	0.0	0.0
12	L	260.0	0.0	0.0	0.0	7.0
13	M	0.0	45.0	0.0	0.0	14.0
14	N	0.0	0.0	0.0	0.0	1.8
15	O	0.0	0.0	0.0	10.5	21.0

14002

14001

14010

FIG. 15A

G. 15A

ASSIGNEE COMPOSITE SCORE

RANK	ASSIGNEE	14001					
		14003	14004	14005	14006	14007	14008
1	A	15.4	25.6	8.5	0.0	100.0	31.0
2	B	0.0	30.8	0.0	0.0	44.7	100.0
3	C	0.0	16.7	0.0	21.4	47.5	8.7
4	D	100.0	0.0	16.7	0.0	0.0	0.0
5	E	10.0	16.7	0.0	0.0	44.5	0.0
6	F	0.0	8.3	0.0	100.0	0.0	13.0
7	G	0.0	10.3	0.0	0.0	45.4	33.2
8	H	0.0	81.8	47.7	0.0	51.0	24.9
9	I	0.0	0.0	0.0	0.0	9.6	55.8
10	J	0.0	0.0	0.0	0.0	5.9	43.4
11	K	0.0	0.0	0.0	0.0	0.0	73.8
12	L	65.0	0.0	0.0	0.0	11.9	0.0
13	M	0.0	25.0	0.0	0.0	23.7	8.7
14	N	0.0	0.0	0.0	0.0	3.0	39.1
15	O	0.0	0.0	0.0	7.1	35.6	0.0

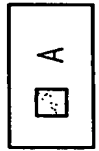
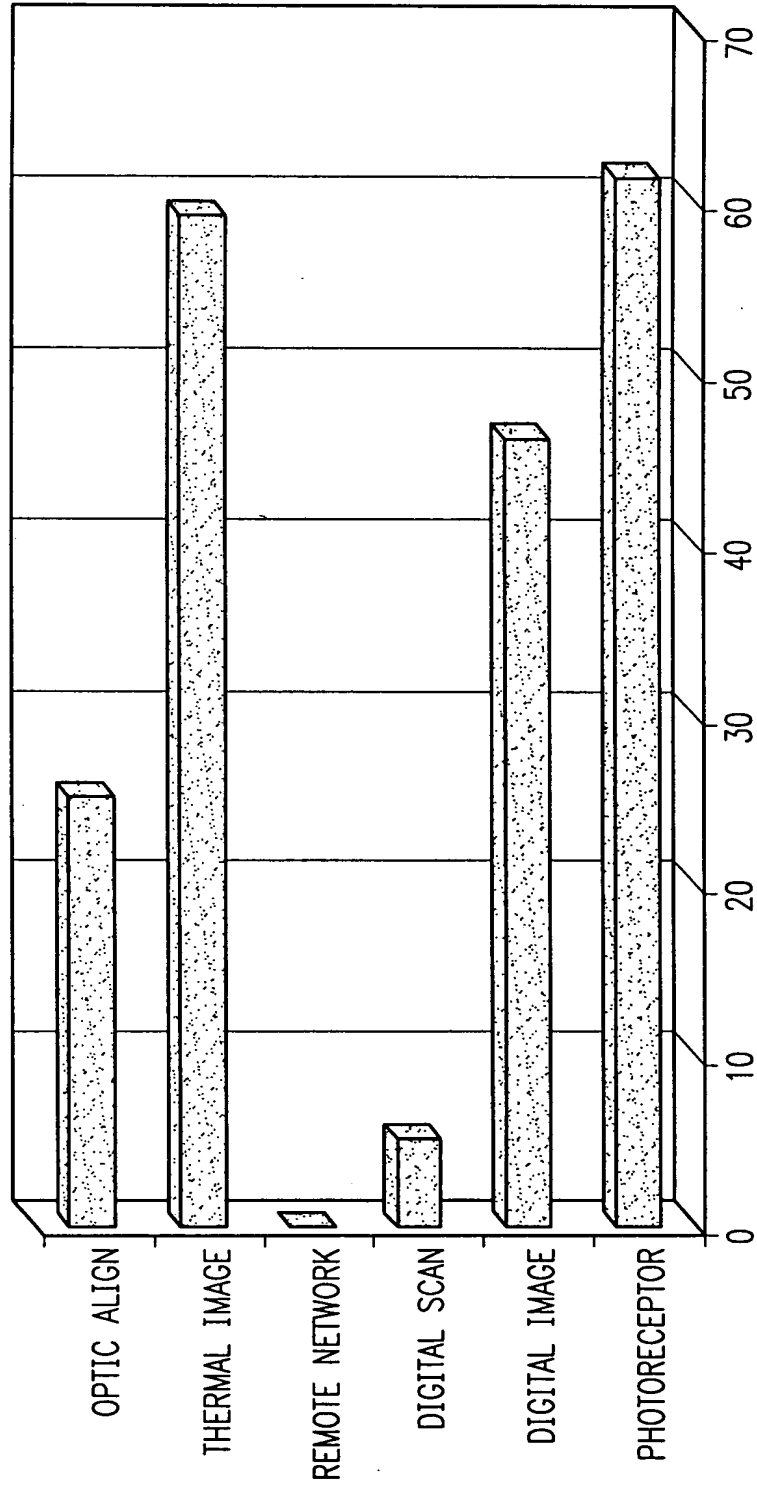
14002

14001

15010

FIG. 15B

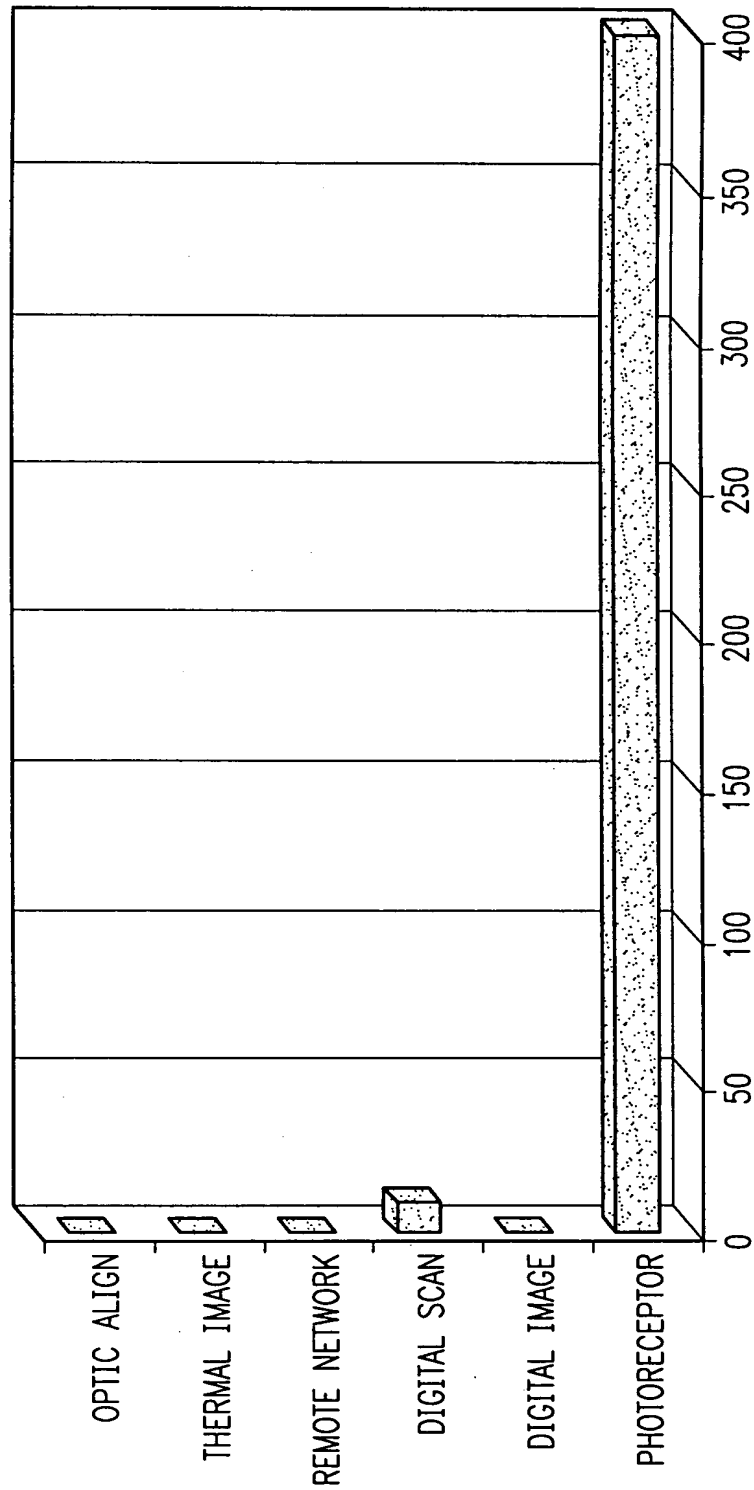
ASSIGNEE COMPOSITE SCORE



TOP SECRET 86455260

FIG. 15C

ASSIGNEE COMPOSITE SCORE



D

TOPFSD" 86465260

FIG. 15D

ASSIGNEE COMPOSITE SCORE

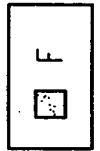
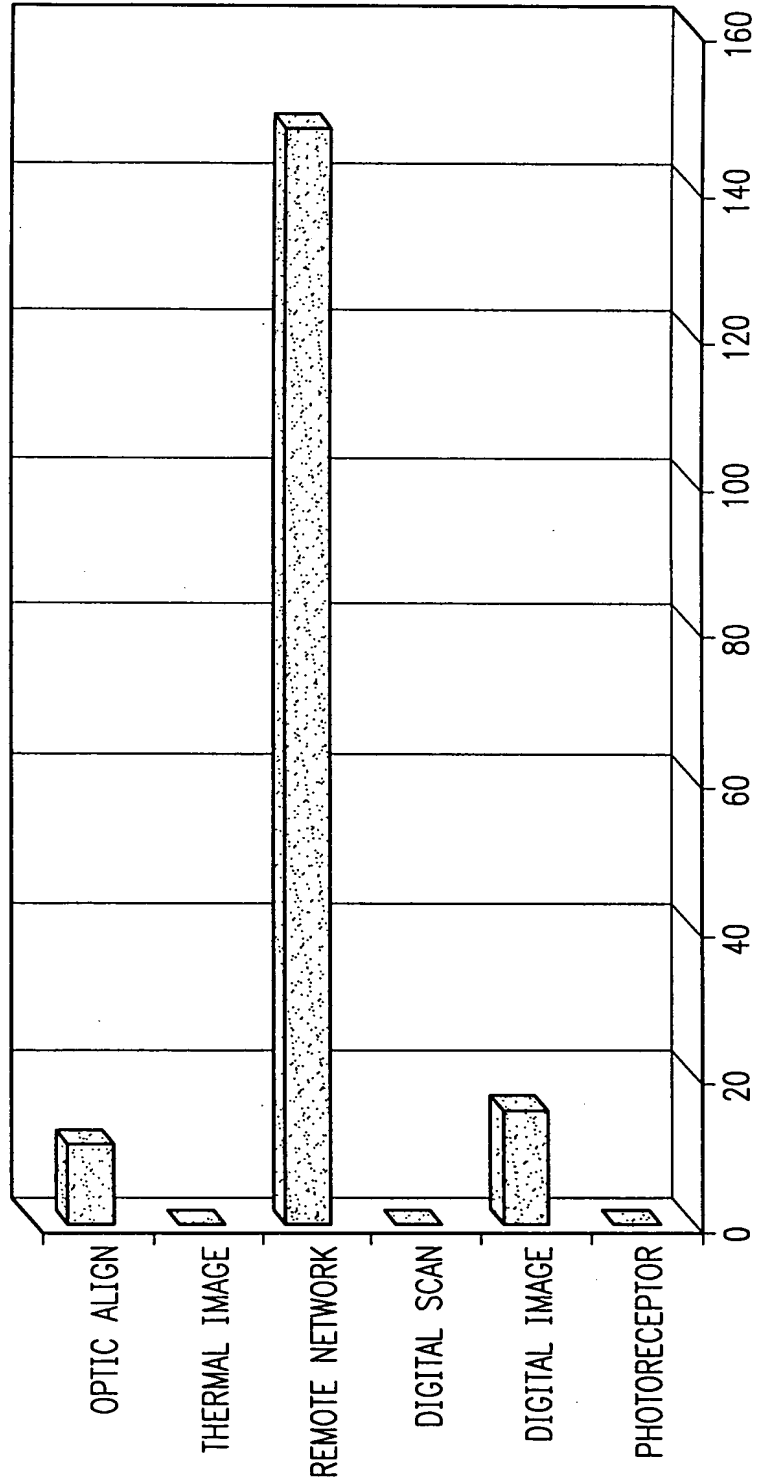
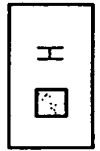
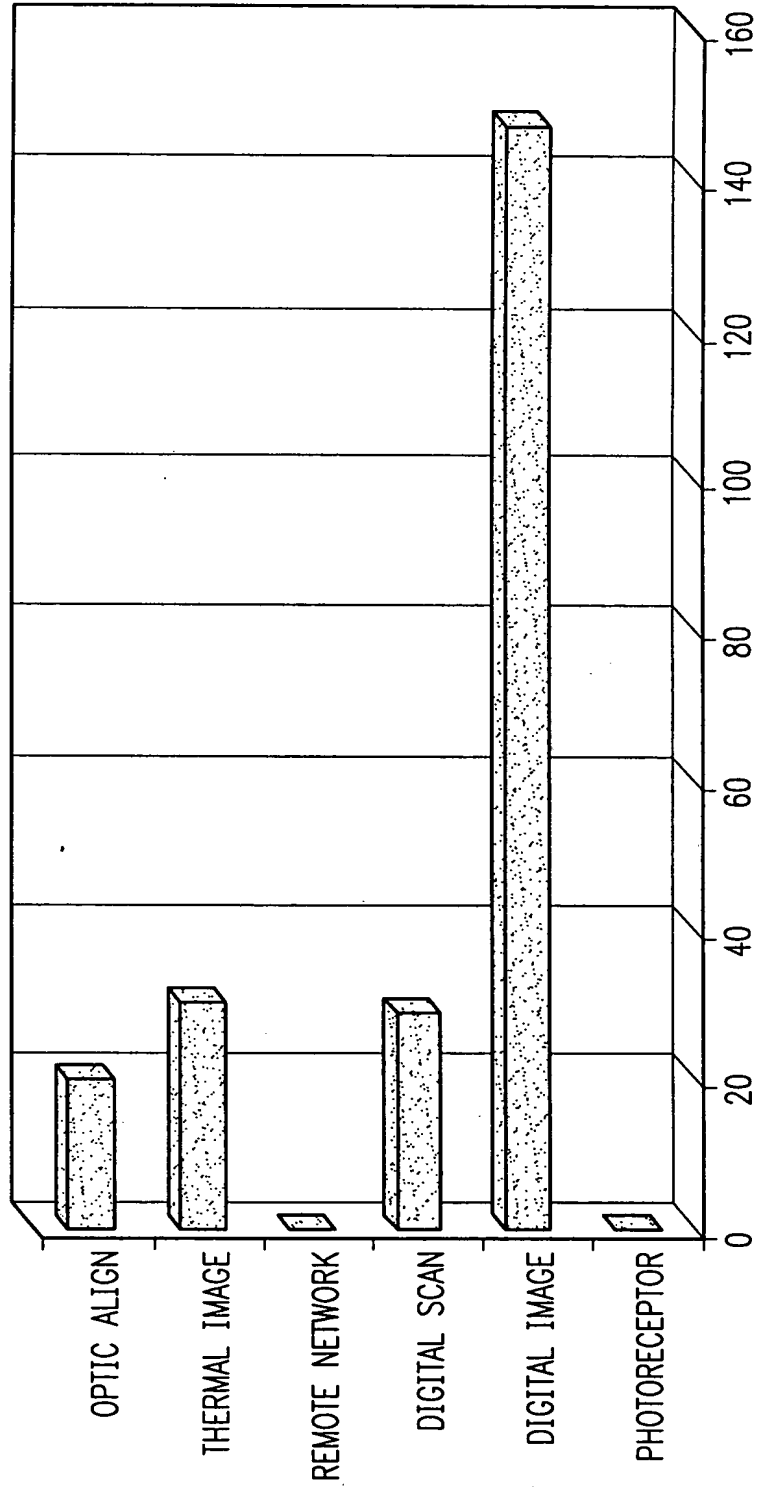
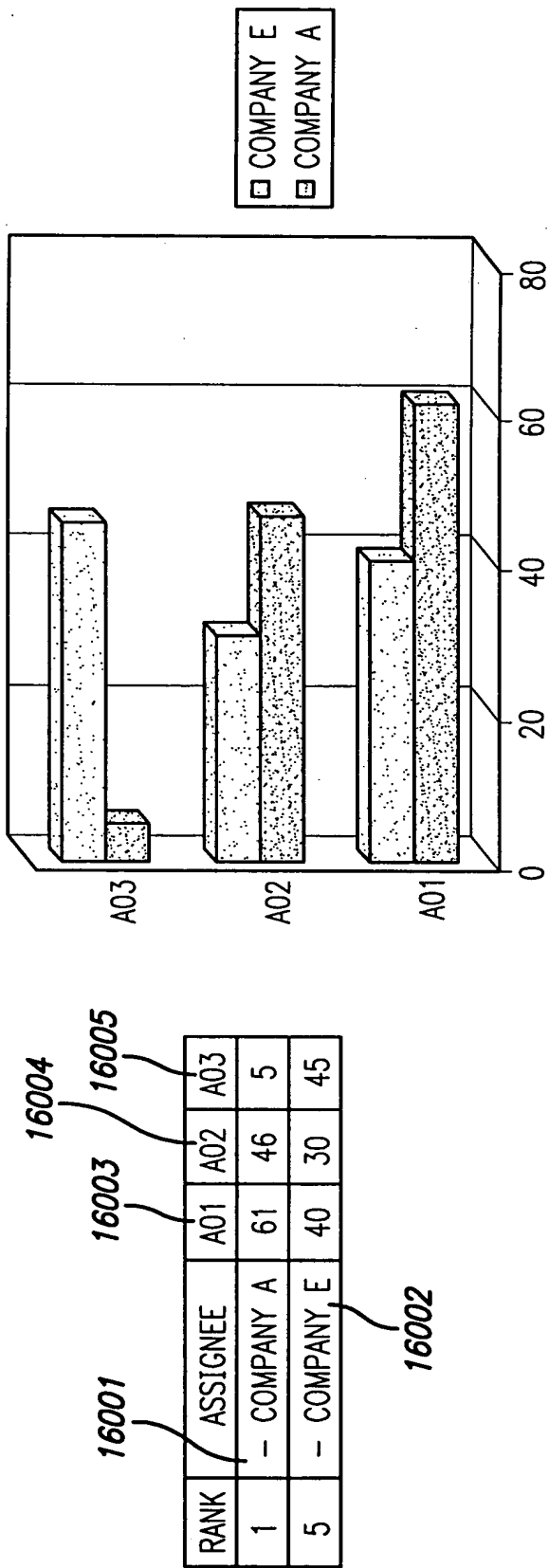


FIG. 15E

ASSIGNEE COMPOSITE SCORE



GRAPHICAL REPRESENTATION OF ASSIGNEE COMPOSITE SCORE



ASSIGNEE COMPOSITE SCORE

FIG. 19

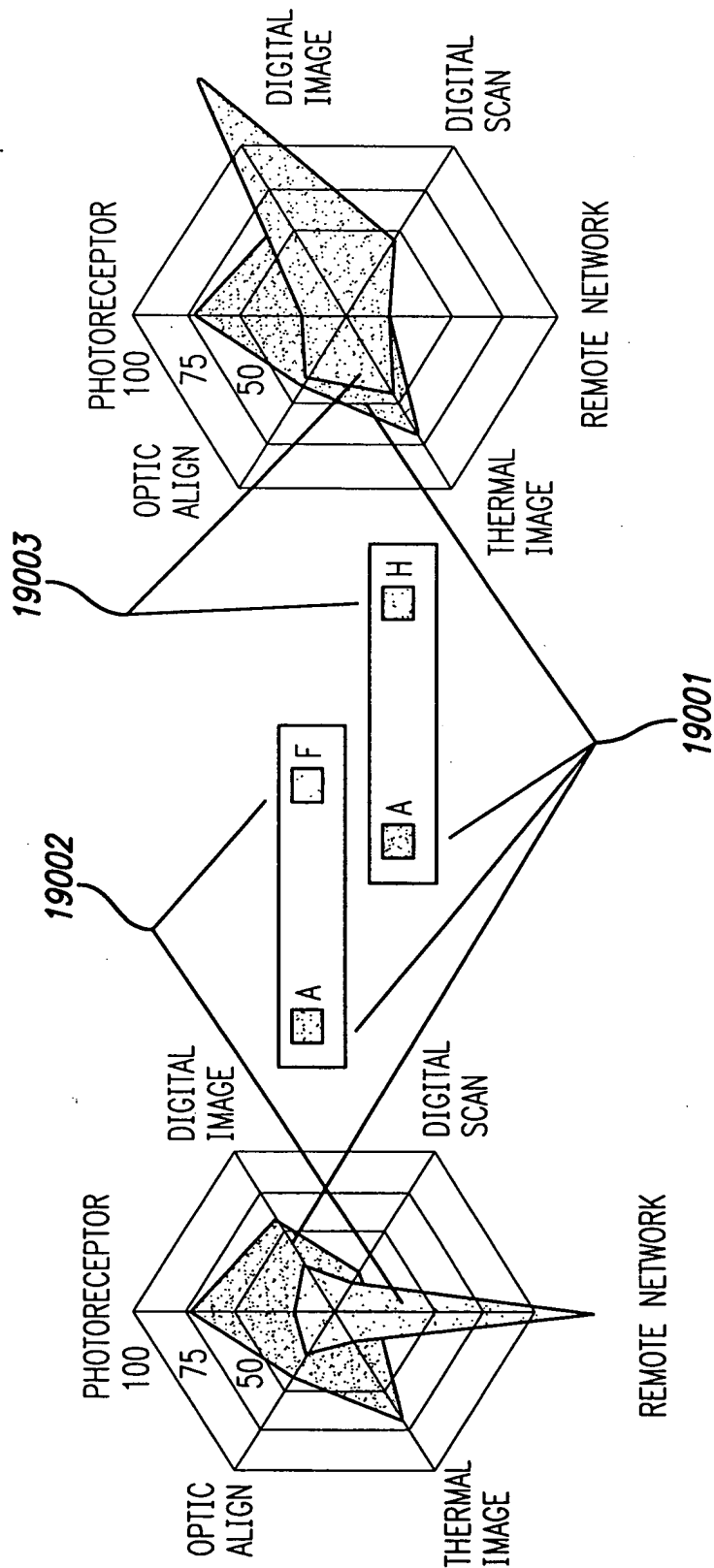
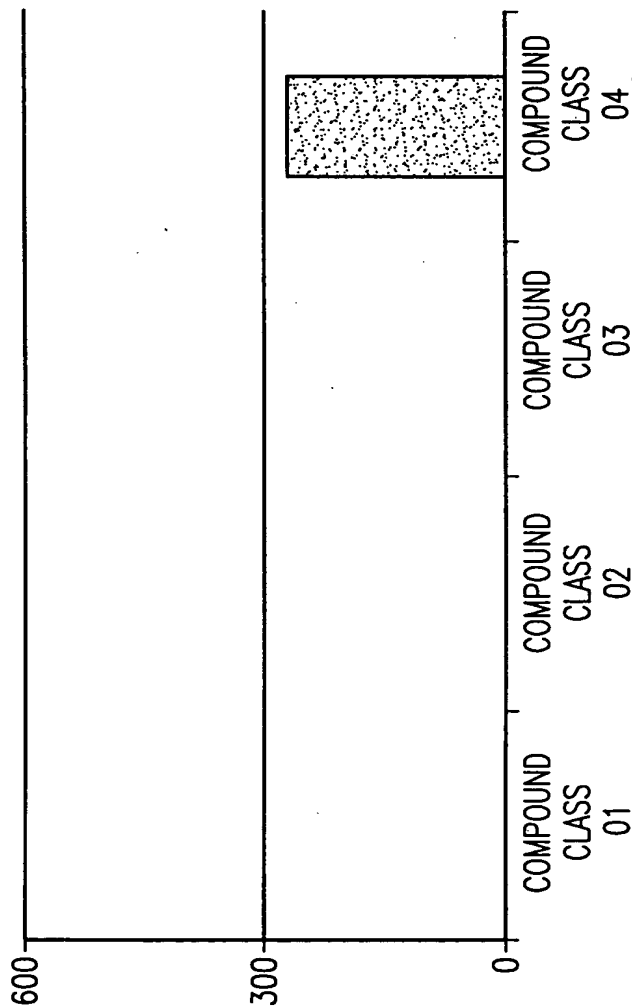


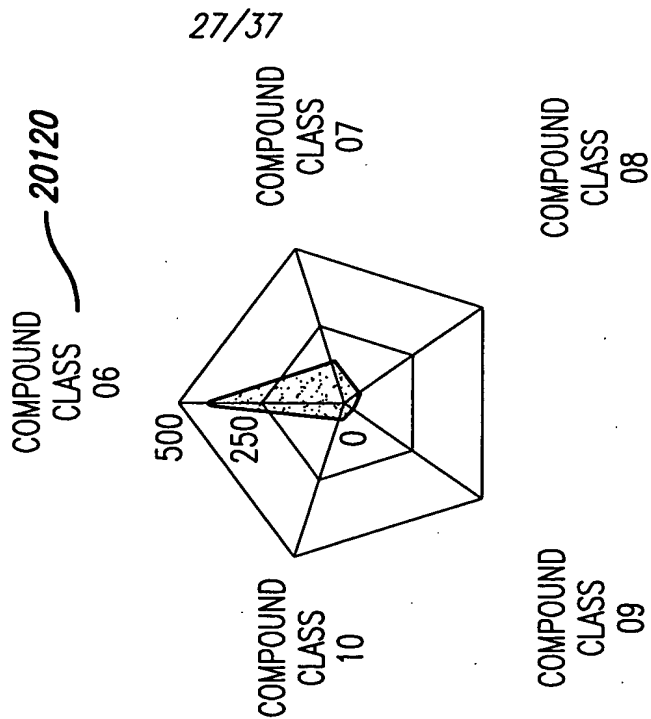
FIG. 20A

TARGET PARTNER 1
ASSIGNEE SPECIFIC CELL SELECTION INDICES

20100



20101



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FIG. 20B

20200
ALTERNATIVE PARTNER 2
ASSIGNEE SPECIFIC CELL SELECTION INDICES

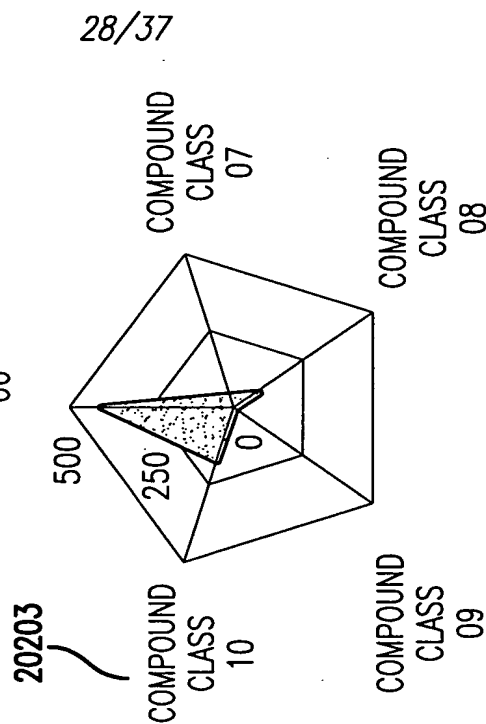
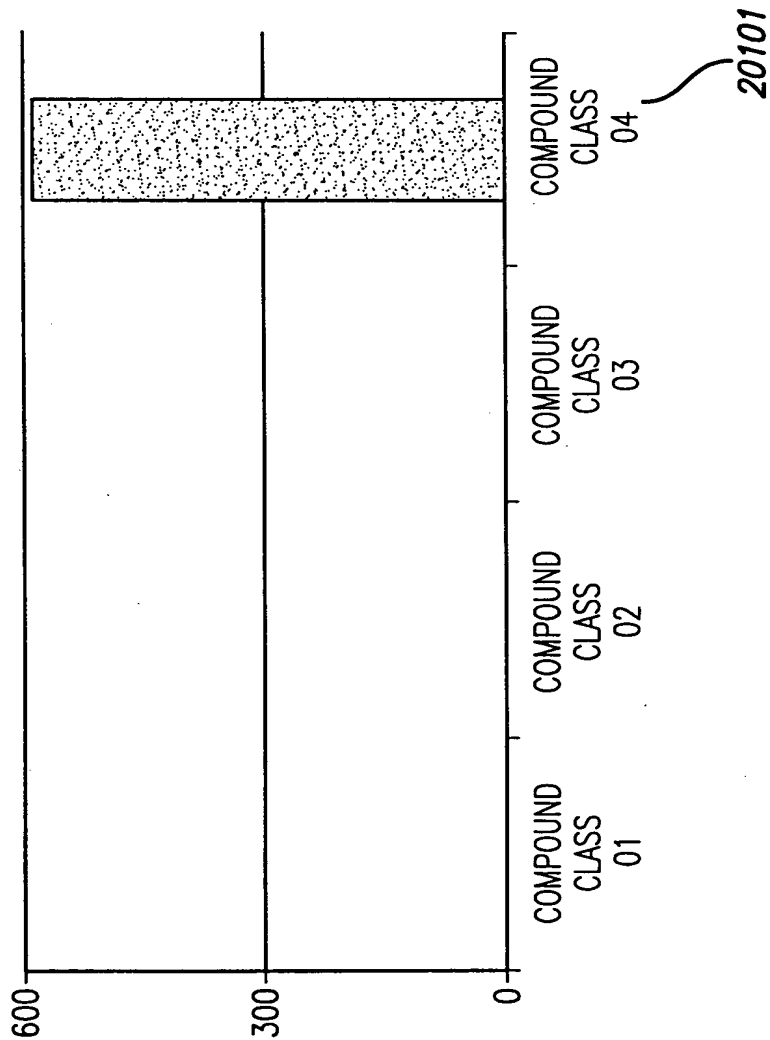


FIG. 20C

20300
ALTERNATIVE PARTNER 2
ASSIGNEE SPECIFIC CELL SELECTION INDICES

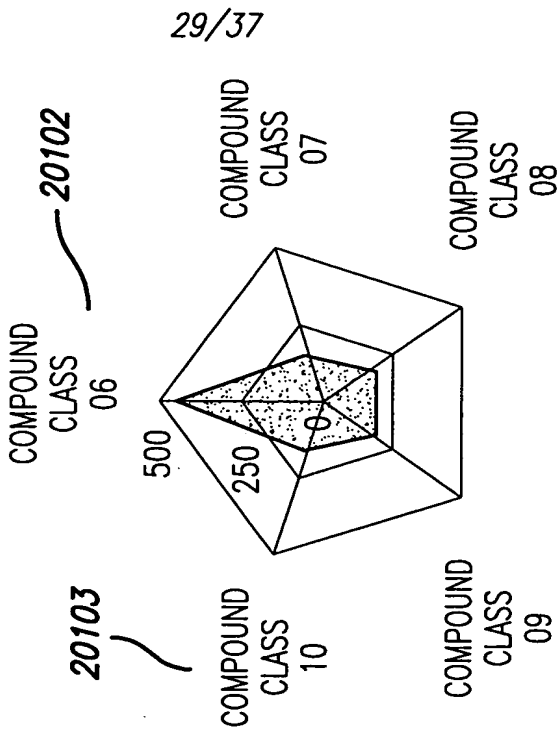
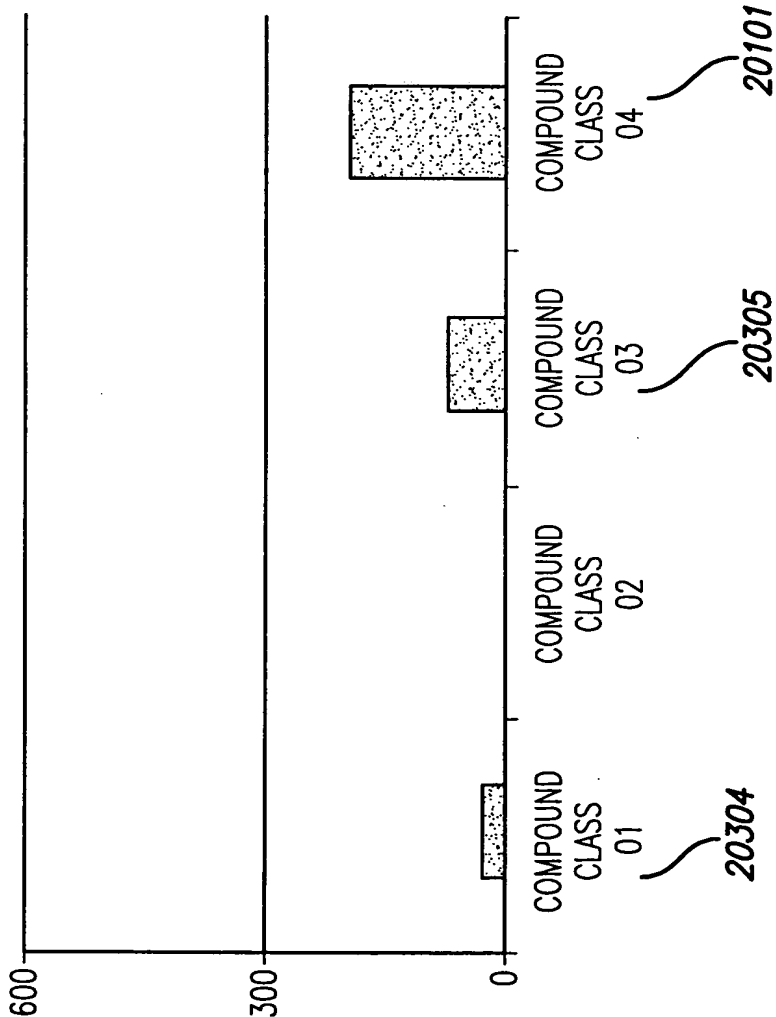


FIG. 21

ASSIGNEE FIELD INDEX VS. PATENT COUNT

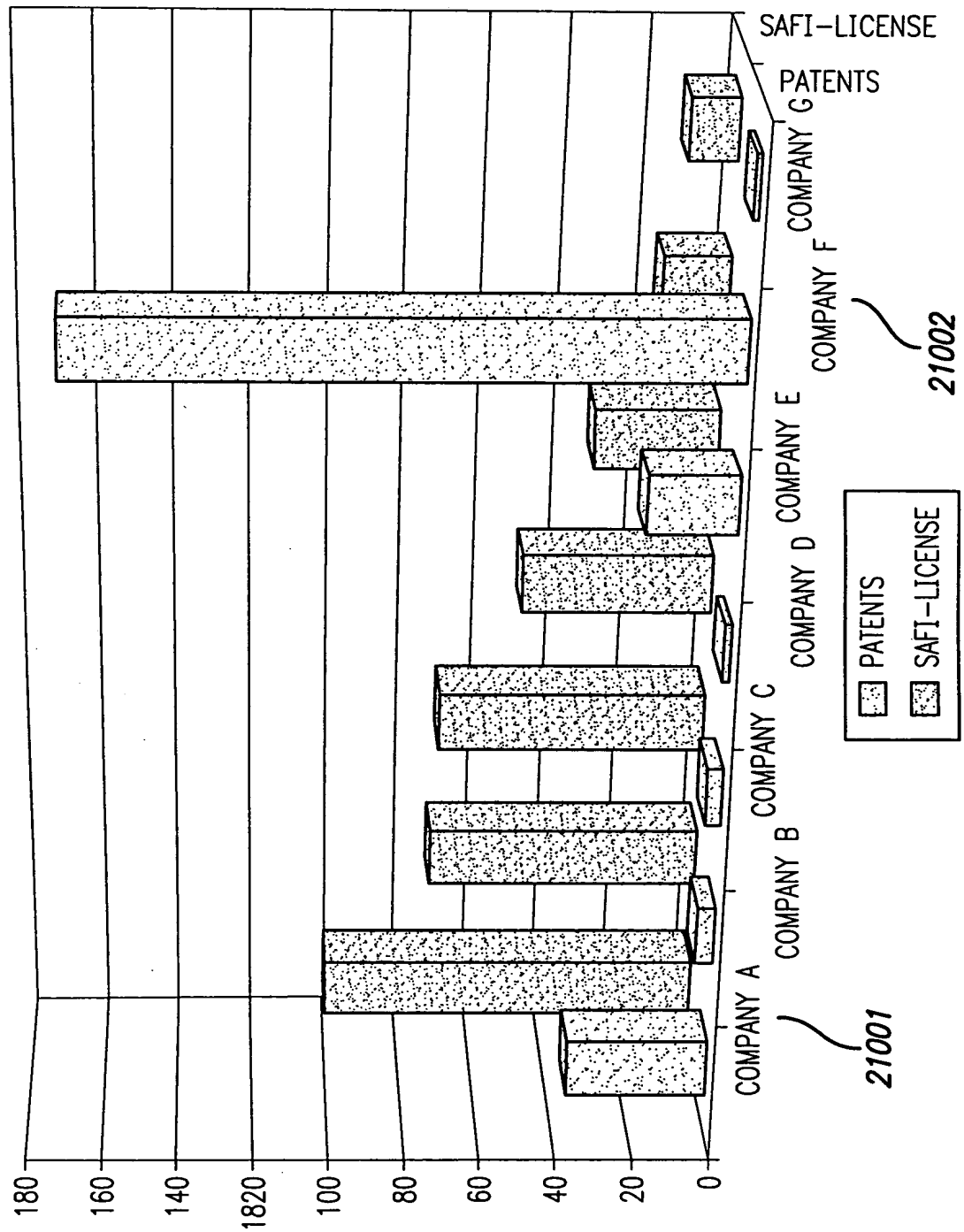


FIG. 22

STANDARDIZED ASSIGNEE CELL INDEX-APPLICATION B

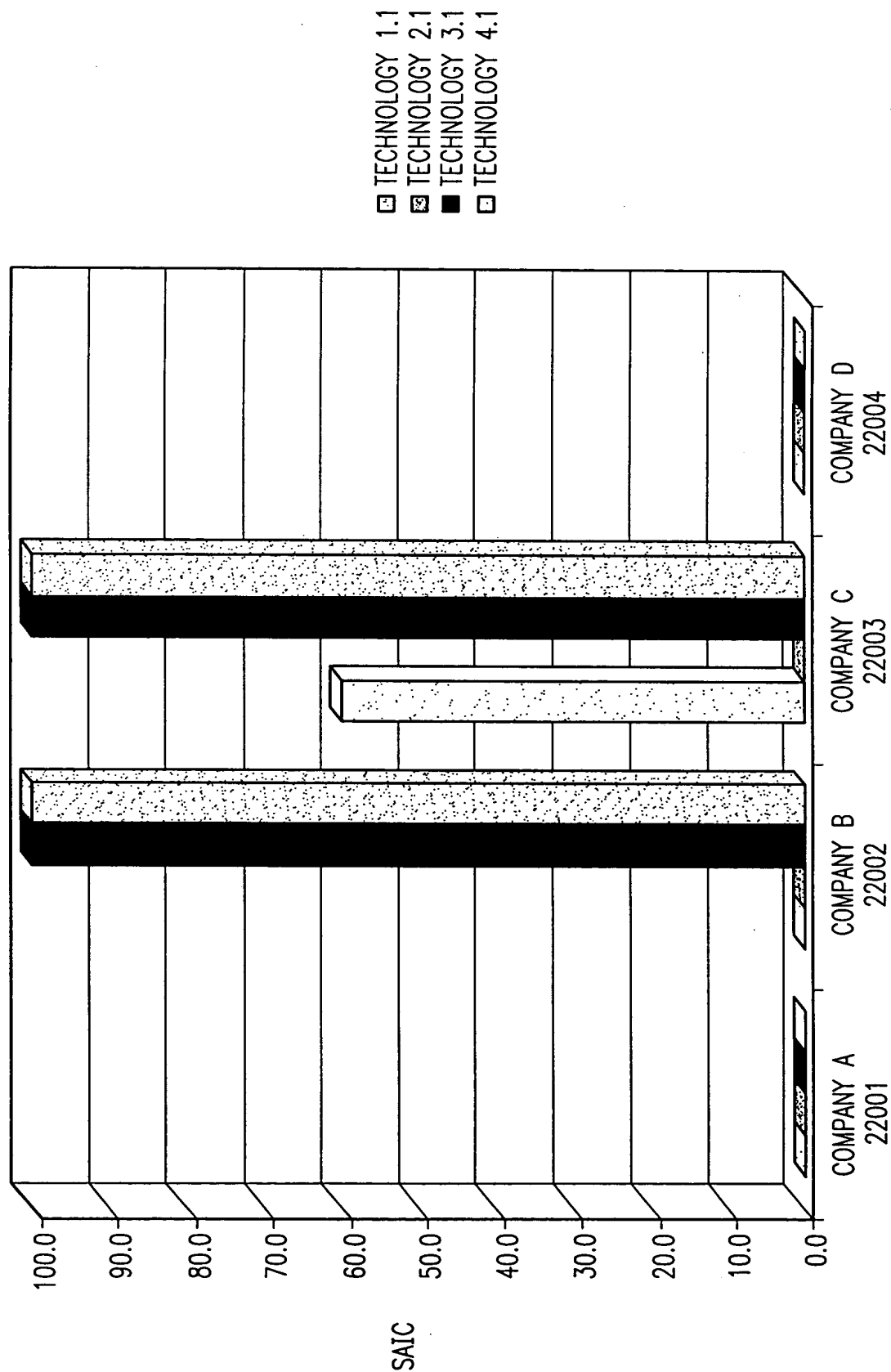


FIG. 23

STANDARDIZED ASSIGNEE CELL INDEX-APPLICATION C

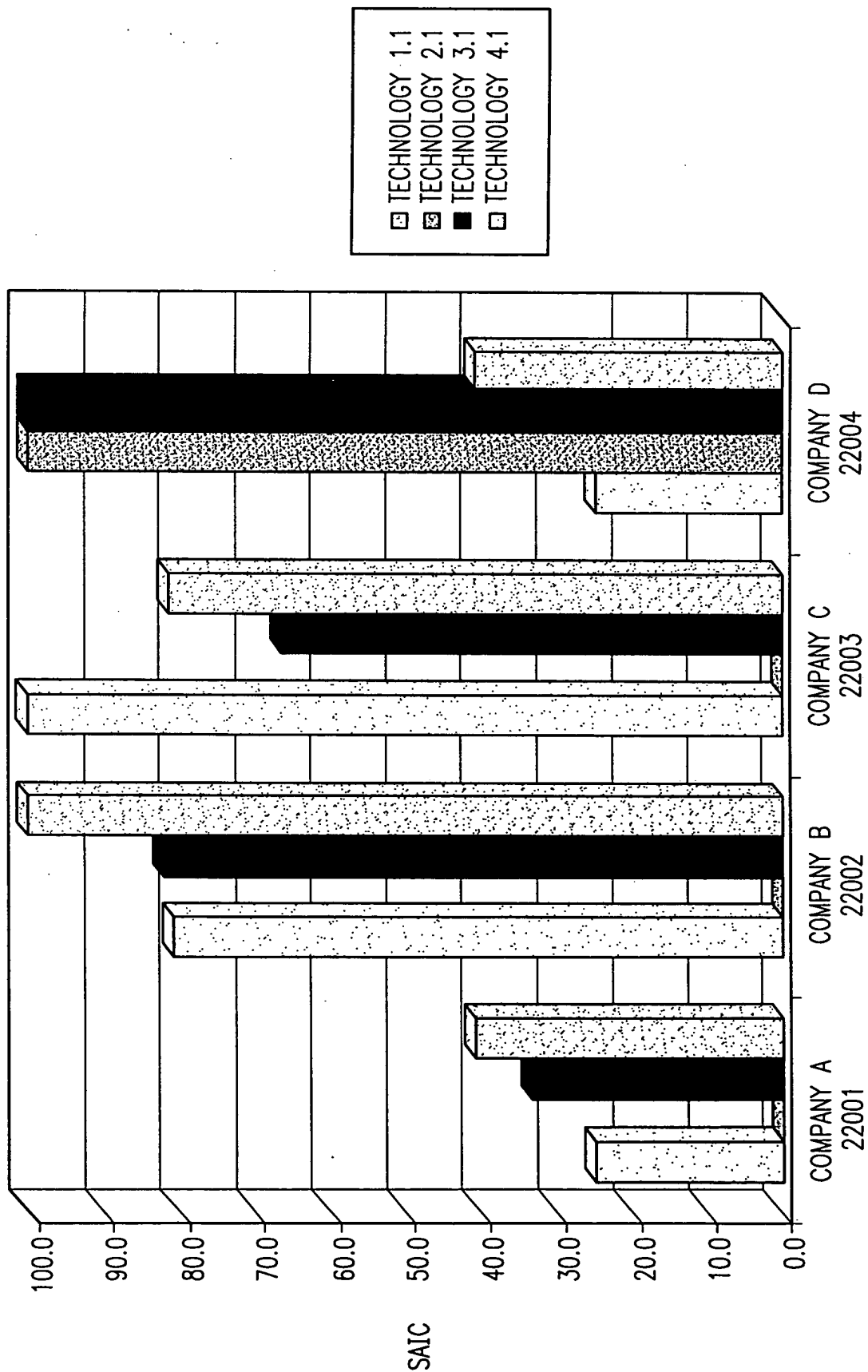
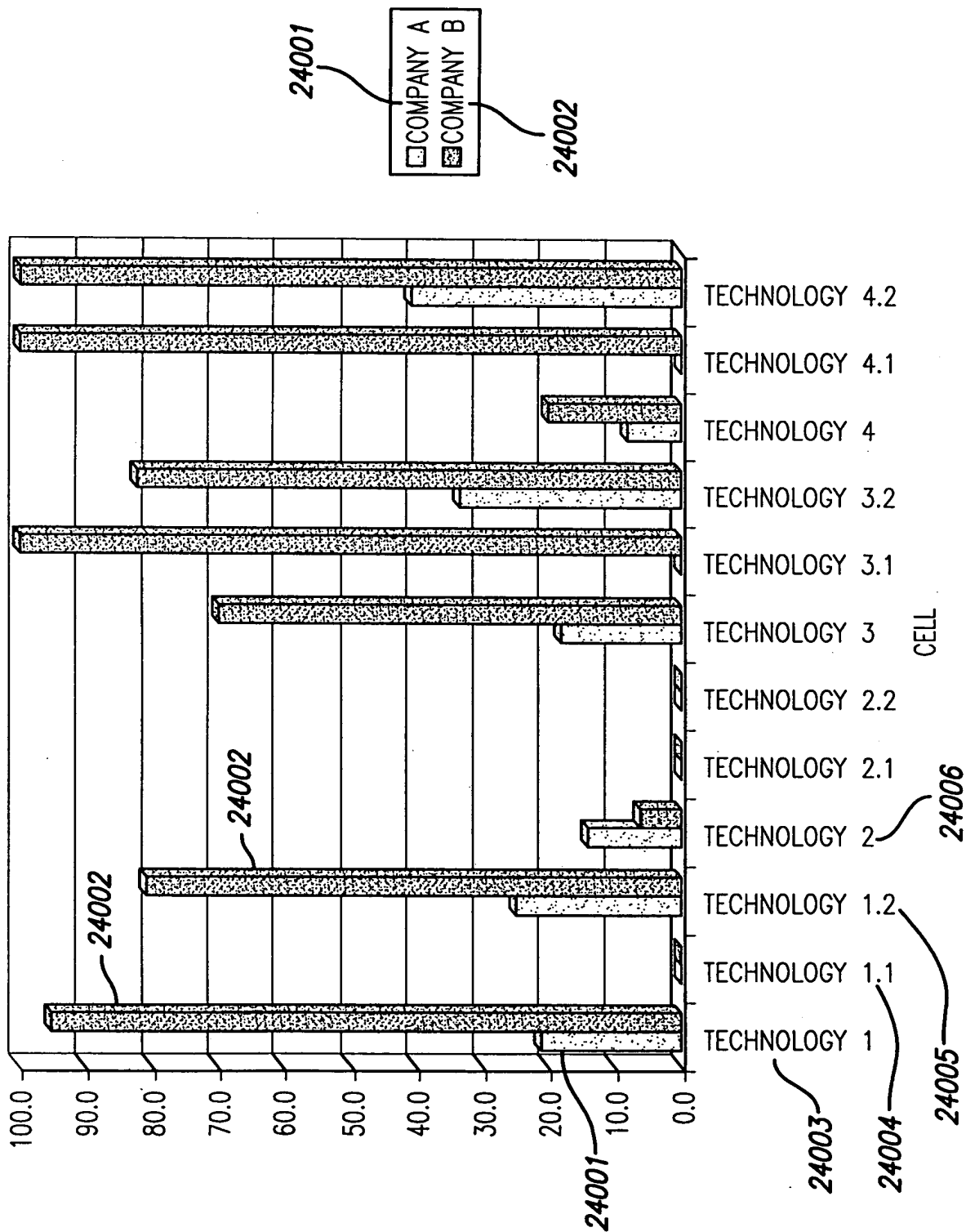


FIG. 24

STANDARDIZED ASSIGNEE CELL INDEX: COMPANY A VS. COMPANY B



NATURALLY DEFINED CLUSTERS

CLUSTERS	COUNT OF CELLS	OCCURRENCES
C05,A05	2	18
C06,A06	2	18
A01,C01	2	16
A02,C02	2	14
A05,C05	2	14
A06,C06	2	14
B06,C06	2	10
C02,C05	2	10
C01,A01	2	8
C03,C05,C02	2	6
C02,C03	2	6
C05,C02	2	6
C06,B06	2	6
C04,A04,A06,C06	4	4
C06,A06,C05,A05	4	4

A NEAR INFRARED						
B FAR INFRARED						
C INFRARED						
	01	02	03	04	05	06
	PHOTORECEPTOR	DIGITAL IMAGE	DIGITAL SCAN	WIRELESS NETWORK	THERMAL IMAGE	OPTIC ALIGN

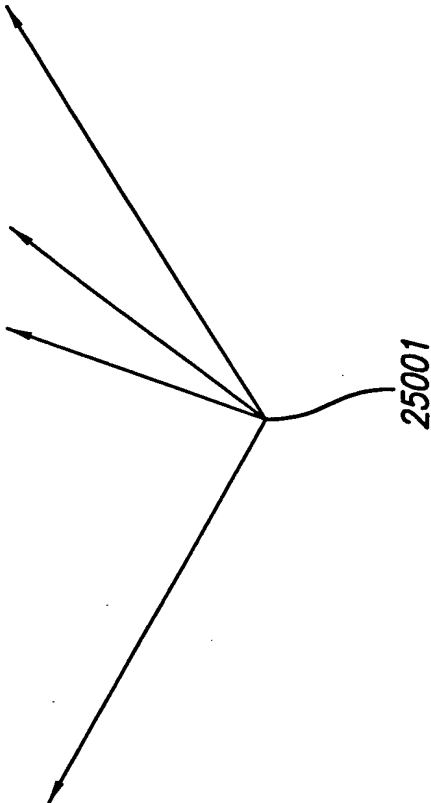


FIG. 25A

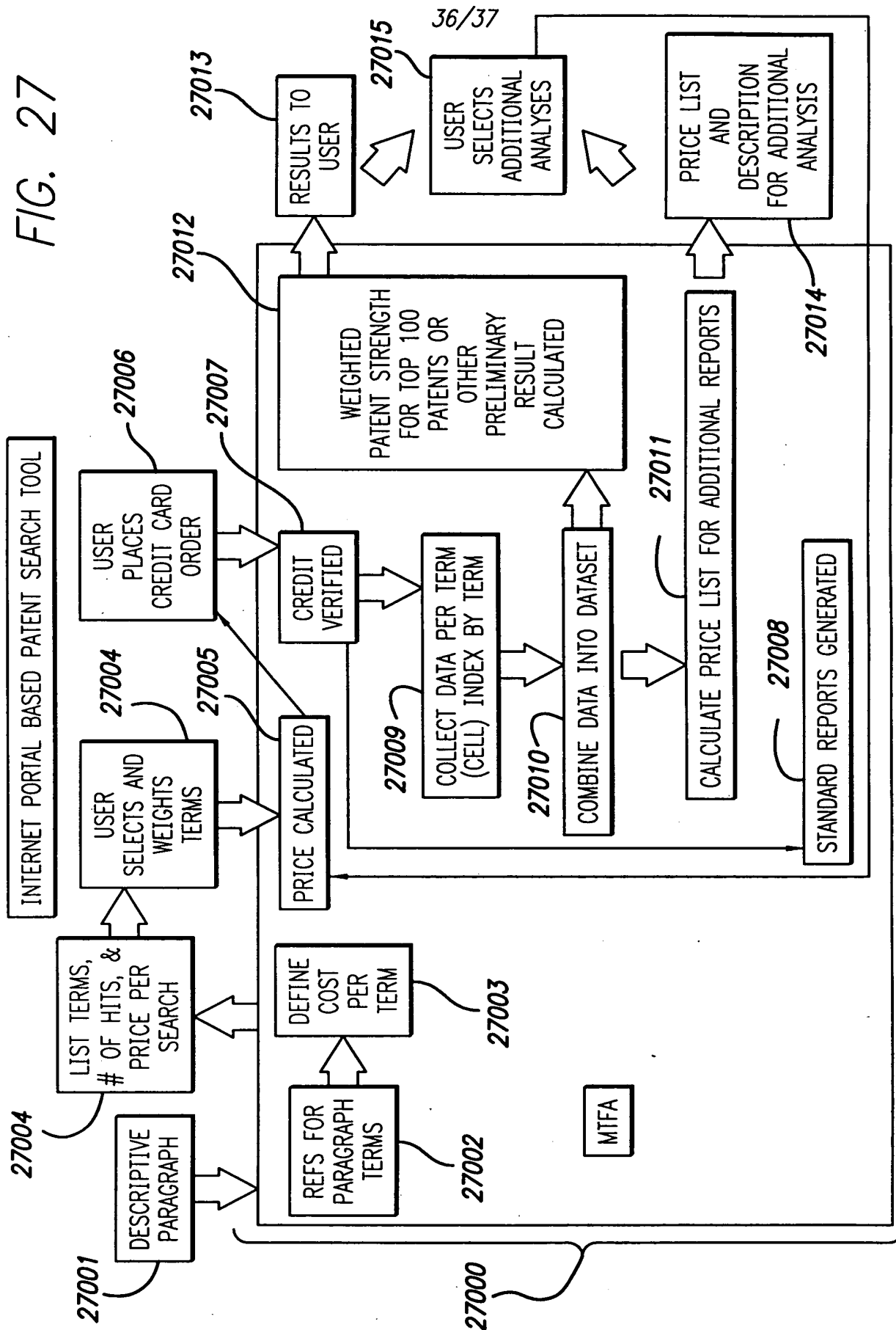
FIG. 25B

C02,C03,C05
EASTMAN KODAK MINNESOTA MINING & MANUFACTURING TEXAS INSTRUMENTS UNITED STATES OF AMERICA HUGHES ELECTRONICS POLAROID RAYTHEON MATSUSHITA INDUSTRIAL ELECTRIC US PHILIPS HE HOLDINGS DBA HUGHES ELECTRONICS HONEYWELL AGFA-GEVAERT MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAIRNS & BROTHER NEC RAYTHEON TI SYSTEMS

FIG. 26

TOP INVENTORS
EASTMAN KODAK

CLUSTERS	HITS	PATENTS	WEIGHTED HITS	WEIGHTED ACTIONS
CHAPMAN, DEREK D.	10	10	11	4
DEBOER, CHARLES D.	8	8	9	5
EVANS, STEVEN	6	6	6	3
BURBERRY, MITCHELL S.	3	3	4	3
SCHILDKRAUT, JAY S.	2	2	3	4
TUTT, LEE W.	2	2	3	3
MOMOT, DAVID	2	2	2	3
BUGNER, DOUGLAS E.	2	1	2	4
BYER, GARY W.	2	1	2	6
KOLB, JR., FREDERICK J.	2	1	2	2
VOGEL, RICHARD M.	2	1	2	1
HARVEY, DONALD M.	1	1	3	4
DE GROOT, GERALD H.	1	1	2	5
MCLINTYRE, DALE F.	1	1	2	1
SIMPSON, WILLIAM H.	1	1	2	3
BLOOM, RICHARD M.	1	1	1	2



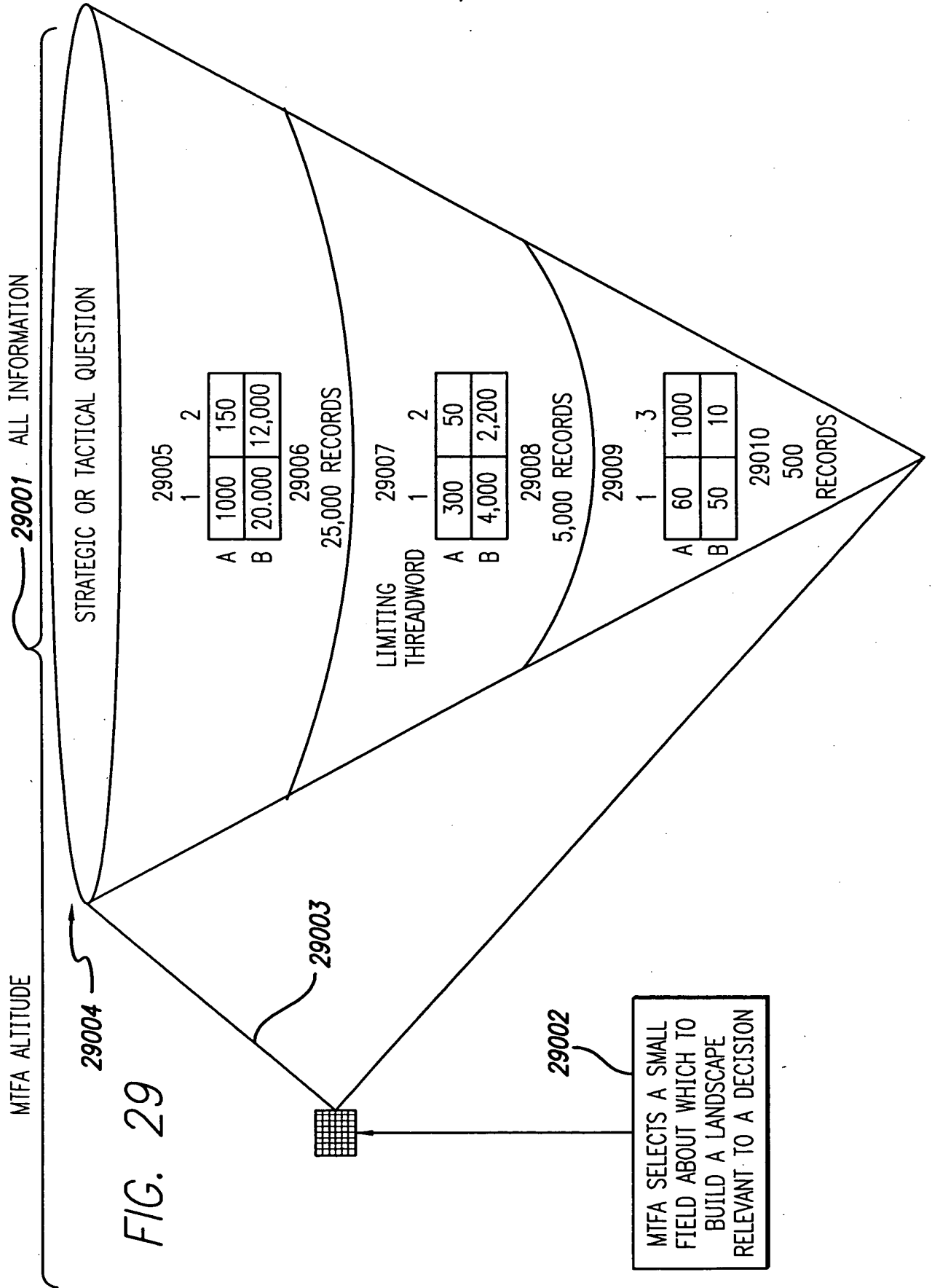


FIG. 29